

## ABSTRACT OF THE DISCLOSURE

A recording medium for storing real time recording/reproduction information, a real time recording and reproducing method and apparatus, and a file operating method using the information. Real time recording/reproduction information for ensuring real time

5 recording/reproduction is stored in a file control information area, in each real time file, or in a separate file, and real time recording/reproduction attributes are assigned to the file.

Thus, real time recorded files can be continuously reproduced without interruption. Also, there are methods of creating a file to which real time recording/reproduction attributes are assigned, extending a data area, and recording and reproducing the file to which real time

10 recording/reproduction attributes are assigned.